

19971219.ba v01\_n840.bam.971219

>From ???@??? Fri Dec 19 20:05:27 1997  
Message-Id: <199712191731.LAA07467@sco.theporch.com>  
Date: Fri, 19 Dec 1997 11:31:06 CST  
Subject: BOATANCHORS digest 1840

BOATANCHORS Digest 1840

Topics covered in this issue include:

- 1) Re: Fair Radio  
by Ken Gordon <keng@uidaho.edu>
- 2) Re: BA photo early Navy Comm center  
by Edward Zeranski <ejz@nosc.mil>
- 3) Re: BA photo early Navy Comm center  
by Dick Dillman <ddillman@igc.apc.org>
- 4) Re: BA photo early Navy Comm center  
by Dick Dillman <ddillman@igc.apc.org>
- 5) Re: BA photo early Navy Comm center  
by Stanley Wilson <microres@crl.com>
- 6) FS: TBS-50C  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 7) Re: BA photo early Navy Comm center  
by Edward Zeranski <ejz@nosc.mil>
- 8) Found some NOS GRC-19 mounts  
by "Mark J. Blair" <mblair@gruumsh.irv.ca.us>
- 9) Re: The Ultimate Spy  
by "Ragnar Otterstad" <danmec@inet.uni-c.dk>
- 10) Re: BA photo early Navy Comm center  
by Ho4bart <Ho4bart@aol.com>
- 11) Re: crystal radio silliness  
by Ho4bart <Ho4bart@aol.com>
- 12) HQ-170A Part wanted  
by w2ec@VNET.IBM.COM
- 13) Re: Can you help with BC-1000 info?  
by John Kidd <johnkidd@ozemail.com.au>
- 14) Re: BA photo early Navy Comm center  
by "P. J. Rovero" <provero@connix.com>
- 15) A wire (multi-core cable) question plus...  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 16) Re: HQ-170A Part wanted  
by "Ed Santavicca" <santavic@ct.picker.com>
- 17) PRD 1 DF receivers at Surplus city  
by Paul Thekan <Paul.Thekan@eimac.cpii.com>
- 18) 6JB6 SOURCE - MAYBE  
by Bob Reynolds <breynold@sigg.com>
- 19) Re: Can you help with BC-1000 info?

by John Kidd <johnkidd@ozemail.com.au> (by way of Andre Guibert  
<aguibert@sympatico.ca>)

- 20) More on early Navy Comm center photo  
by "Neal McEwen, K5RW" <nmcewen@metronet.com>
- 21) Telephone Receiver Elements  
by Al Klase <skywaves@bw.webex.net>
- 22) Re: Can you help with BC-1000 info?  
by arc5@ix.netcom.com
- 23) RCA RBB/RBC Info???
- by Bob Login <jlogin@gville.mindspring.com>
- 24) Re: BA photo early Navy Comm center  
by arc5@ix.netcom.com
- 25) Here's to you...
- by don merz <71333.144@compuserve.com>

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Date: Thu, 18 Dec 1997 20:47:00 -0800 (PST)  
From: Ken Gordon <keng@uidaho.edu>  
To: Bob Roehrig <broehrig@ADMIN.AURORA.EDU>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Fair Radio  
Message-ID: <Pine.BSF.3.95.971218204253.3698A-100000@piobaire.mines.uidaho.edu>

> Just received the latest catalog. Just had to order one of the GRC-109  
> transmitters (actually the RT-3 version). Anyone else got one? Any  
> comments on it?

I have two of the T-784 version. Like it a lot. It seems to load anything.  
Keying is decent. Every crystal I own sounds good in it, from those little  
bitty CB sized ones up to the mondo banana plug jobs. The panel mounted  
key is a bit hard to use since it raises your hand so high, but if you cut  
a hole in your desk top and hang it from below so the key is level with  
the desk, it works fine.

I have worked 35 countries with mine feeding an end-fed long wire. Mostly  
on 40.

It works great on Field Day too.

Ken W7EKB

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Date: Thu, 18 Dec 1997 21:21:59 -0800  
From: Edward Zeranski <ejz@nosc.mil>

To: nmcewen@metronet.com  
Cc: boatanchors@theporch.com  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <3.0.1.32.19971218212159.0071c08c@marlin.nosc.mil>

At 08:39 PM 12/18/97 +0000, you wrote:

>BAers,

> I found this photo .....(went there and peeked)

> Note the headphones on the two operators.

Just happen to have a headset that looks <bold>eggs-ackley</bold> like the ear gear in the photo....but...am missing one Western Electric element #HA2, stamped date on existing element is -2-9-44. So, FEB or SEPT 44. Wonder what the patch gear was and where in the chain they were operating? Navy Sec Gru on commercial lines.....Nah, never happened. Sure would like to find a matching WE headphone element, Gratsi!!!

[http://www.metronet.com/~nmcewen/Navy\\_comm.jpg](http://www.metronet.com/~nmcewen/Navy_comm.jpg) There it is again!

Ed Zeranski This is a private opinion or statement.

home email: ezeran@cris.com

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Date: Thu, 18 Dec 1997 21:22:26 -0800 (PST)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: william@ans.net, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <2.2.16.19971218212046.467f2386@pop.igc.org>

At 10:57 PM 12/18/97 -0500, William Donzelli wrote:

>Keying transmitters with a landline was quite common in the U.S.Navy in  
>the late 1930s and 40s.

Wow, that's great stuff, William. Do you perchance have first hand experience with land line control units?

My only experience with telegraph sounders at radio stations came at the (then) RCA transmitting station for KPH in Bolinas, CA. While wandering

around the humming transmitter gallery in the early 70s I had the sudden need to carry out an errand of personal necessity. After a bit of searching I found the gentleman's lounge. There I observed, screwed to the wall at the proper height for use when in the <ahem!> seated position, a telegraph sounder and key. Inquiry revealed that this was part of the order wire from the receiving station at Pt. Reyes. There were similar sounders and keys around the plant including this one at a particularly strategic location. No rest for the transmitter engineer in those days!

Regards,

Dick

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Thu, 18 Dec 1997 21:22:23 -0800 (PST)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: nmcewen@metronet.com, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <2.2.16.19971218212044.467f066a@pop.igc.org>

At 09:46 PM 12/18/97 +0000, Neal McEwen, K5RW wrote:

> Not an inker/register. There are holes in the paper tape. Been 27  
>years  
>since I punched any TTY tape so can't recall what to look for.

Ah, holes you say? I can't see 'em on my copy of the photo but if holes there be then I guess my inker theory is out the door.

Since I've never been one to learn my lesson let me stick my neck out yet again. While Baudot of course springs to mind when holes on paper tape are observed, the tape in the picture looks a bit narrow to me for that application. In fact it looks much closer to the dimension of the tape produced by my Kleinschmidt Morse perforator. The Kleinschmidt unit does not produce long and short holes like those in the tapes used by the Teleplex code practice machines but instead punches little round holes above and below each other similar in appearance to the Baudot scheme. Could it possibly be Morse, do you think?

Regards,

Dick

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Thu, 18 Dec 1997 21:10:59 -0800 (PST)  
From: Stanley Wilson <microres@crl.com>  
To: Bob Roehrig <broehrig@admin.aurora.edu>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <Pine.SUN.3.91.971218210926.3066A-1000000@crl6.crl.com>

On Thu, 18 Dec 1997, Bob Roehrig wrote:

>  
>  
> If the tape has one row of holes, then it's definetly Morse. If it's  
> TTY, then it would have up to 5 holes across plus the smaller sprocket  
> holes down the center.  
>

There are some security systems that use tape with one row of holes. I have one of the receivers. It is built entirely of brass and is powered by a wind up motor.

de stan ak0b

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Date: Thu, 18 Dec 1997 23:51:00 -0800  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
To: boatanchors@theporch.com  
Subject: FS: TBS-50C  
Message-ID: <000E61B5.001914@svlima.sv.sc.philips.com>

For Sale:

Harvey-Wells TBS-50C, Bandmaster Senior, Serial #9382. A 50 Watt, AM/CW, 80-2 meter transmitter that doesn't take up your entire desk.

This unit has the nicest front panel paint I have ever seen....but....it also has had the non-FT-243 crystal socket removed and a pi-net loading rotary switch installed in one of the missing crystal socket holes. There is an extra hole drilled adjacent to the other crystal socket hole. I gave thought to filling the hole and repainting the fill job but since I have two other TBS-50D's, I figured I would probably never get to it.

The original mike connector has been replaced with a single coaxial type like on a DX-100. As with most TBS-50's, an S0-239 has been added on the rear apron. A home brew 6AN8 speech amplifier has been added which, I assume, allows it to accept a dynamic mike, rather than the carbon mike it originally required. It has a very good looking pair of 6L6-GC modulators. The cabinet paint is borderline between needing touchup or complete repainting, probably closer to the former.

I have not energized it nor do I have a schematic for the homebrew speech amplifier. Manual copy included. Requires 300-500 VDC at 275 mA and 6.3 VAC @ 5 A.

\$45 (as is) or \$35 (without the 6L6-GC's), plus shipping from 75080.

73, Brian Harris WA5UEK

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Date: Thu, 18 Dec 1997 22:08:00 -0800  
From: Edward Zeranski <ejz@nosc.mil>  
To: nmcewen@metronet.com  
Cc: boatanchors@theporch.com  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <3.0.1.32.19971218220800.0071d4c0@marlin.nosc.mil>

At 08:39 PM 12/18/97 +0000, you wrote:

>BAers,

> I found this photo in the trade journal Information Week.

Wow! This post sure got the BA interest flowing. Grunch'o'posts real qwick! One of the things I look for is early mil photo documentation of comm gear. Don't know why, perhaps two reasons, that the stuff is hard to find. Comm/radio was too boring for neat photos or maybe too classified? Anyway, am always looking for photos for use in mil radio mailouts before the annual BBQ/RF burn in San Luis Obispo, and just to look at. Say, got some dirty RAL or TCS Kodaks?? Just thought I'd ask.

Ed Zeranski This is a private opinion or statement.  
home email: ezeran@cris.com

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Date: Thu, 18 Dec 1997 22:30:50 -0800  
From: "Mark J. Blair" <mblair@gruumsh.irv.ca.us>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Found some NOS GRC-19 mounts  
Message-ID: <199712190631.WAA02227@gruumsh.irv.ca.us>

I saw an ad in Military Vehicles magazine from a place called Surplus City Jeep Parts. They're selling MT-851/GRC-19 mounts, NOS, in box, for \$35.

For those who don't know, the GRC-19 set consists of an R-392 receiver and a T-195 transmitter. The receiver covers 0.5 to 32 MHz (AM and CW, plus FSK with an external adapter), and the transmitter covers 1.5 to 20 MHz (100W AM & CW, plus FSK with external adapter). There is an excellent writeup on the T-195 in the December, 1997 issue of ER. The mount is a big hunk of steel with shockmounts and clamps to hold the radios in place. It doesn't have any cables or junction boxes.

I ordered one last Friday afternoon and it arrived today. The paint was not quite perfect in some places (I guess the big ol' mounts don't require as much finesse to build as the R-392's geartrains...), and the right side flange was slightly bent so that my R-392 wouldn't quite latch in (easily fixed in a few seconds with a mounting flange alignment tool, also known as a 4-pound sledgehammer). The shipping and handling was around \$25 for the mount and a bundle of antenna masts, shipped UPS ground from northern CA to southern CA.

I figured some of the list members who aren't into the green vehicle thing might not ever run across an ad from that place, and might like to know about a source of these mounts. I hadn't seen one for sale before. I don't represent Surplus City Jeep Parts in any way, and I've only dealt with them once (with no complaints). They can be reached as follows:

Surplus City Jeep Parts  
4514 Pacific Heights Road  
Oroville, CA 95965

Orders: (800) 3-JEEP PARTS (353-3772)  
(818) 767-3666  
FAX (916) 534-1170

One of these days I guess I'll need to get my hands on a T-195 to hold down the left side of my new mount, but I'll wait for all of the Christmas crazyness to calm down first.

--

Mark J. Blair KE6MYK  
e-mail: mblair@gruumsh.irv.ca.us

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Date: Fri, 19 Dec 1997 08:29:43 +0100  
From: "Ragnar Otterstad" <danmec@inet.uni-c.dk>  
To: <aguibert@SYMPATICO.CA>, "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: The Ultimate Spy  
Message-ID: <199712190740.IAA19098@inet.uni2.dk>

The Sovjet dominated Warzaw pact has sets made too. They are described in a German book covering a variety of EasternBloc mlitary radios. The sets R 350, 354 and 355 are described with photos and circuits diagrams etc.

73

Rag Otterstad OZ8R0 Copenhagen suburb: Birkerod  
Also JW5HE LA5HE. Previously held : G5BHQ HB9XCG

Collector of W.W.2 German military radio sets, clandestine sets all periods, cipher equipment.

Adress: Hosterkobvej 10. DK 3460 Birkerod, Denmark

Tel : ++45-4281 5205 evenings. ++45-4497 3366 daytime.

I work for MEC A/S, manufacturer of high quality and good looking pushbutton switches.  
If you are designing electronics equipment and have an interest in switches please check the homepage at :  
[HTTP://WWW.MEC.DK](http://WWW.MEC.DK)

To know more about my ham radio background try my personal homepage :  
[HTTP://WWW.WEBSPAWNER.COM/USERS/OZ8R0/](http://WWW.WEBSPAWNER.COM/USERS/OZ8R0/)



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> From: Andre Guibert <aguibert@SYMPATICO.CA>  
> To: Old Tube Radios <boatanchors@theporch.com>  
> Subject: The Ultimate Spy  
> Date: 19. december 1997 01:31  
>  
>  
> Bonsoir Fellow Boatanchorite Spooks  
> Saw the French version of "The Ultimate Spy" and  
> you should do a selling job on the YL or exYL for  
> a Christmas gift to yourself.  
> Even though I have the B2 suitcase also known as the  
> Type A Mk3, all the accessories are there except the  
> key.  
> There is a picture of the set and at last I know what  
> to look for.  
> The only fault that I can find is that no frequencies  
> are given for the WS equipment.  
> I enjoyed "Armement Clandestin" by Pierre Lorin and the  
> "Ultimate Spy" is an outstanding follow through.  
> Would some of you spook brethren know of other books  
> that deal with the subject of clandestine WS equipment  
> on an International basis and not just a glimpse.  
> Andre  
>  
>

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Date: Fri, 19 Dec 1997 03:30:22 EST  
From: Ho4bart <Ho4bart@aol.com>  
To: boatanchors@theporch.com  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <aa475636.349a30a0@aol.com>

In a message dated 97-12-19 02:07:19 EST, ejz@nosc.mil writes:

> Anyway, am always looking for photos for use in mil radio  
mailouts before the annual BBQ/RF burn in San Luis Obispo,  
and just to look at. Say, got some dirty RAL or TCS Kodaks??  
Just thought I'd ask.  
>

you have to cast a wide net to come up with such photos.

the only TCS photos i have seen were #1 in the Collins 50-years book ( celebrating the n-thousandth TCS; "you're on your way little TCS / to do your part for the USA" or some such doggerel in it ) and #2 in a book on torpedo boats WW2, had a photo of classroom of officers ( i assume from their visor caps ) looking at a lecturer with TCS on table up front. i should have bot this! if in doubt, buy it, if you go home til next time it may well be gone. ( re military history sections of pre-owned books shops.)

i found in a junktique shop a photo album from a USN antenna rigger in the Philippines pre-storm. ( sorry! NO equipment photos ). i would eventually like to identify some of the islands / installations and i am painfully aware that the primary resources for such a project are becoming less. i had thot to put an ad in the american legion magazine. if anyone knows anyone or has other suggestion an email to me on this would be most welcome. also i have a large color view of Naval Radio Station Samoa but the photo is fading.

perhaps someone can private email to me on whether a commercial photo outfit can bring this photo back to life and restore some parts that have faded

from visibility? is this possible ?

also just mention that a book which title translates ( i believe ) to Philippine

Invasion published probably 1942 ( current pricing at circa \$100 + ) has a good photo of Japanese air-ground communcations inside one of these same big window, up-on-stilts USNavy base buildings, several receiver positions. since the buildings are intact i assume the radios were captured intact and the standard USN fare ( HRO, RAO etc ) were there.

BANZAI ( Pacific war journal ) had an article on George Bush and Chichi Jima; one of the swell photos was of a steep hillside with a smashed tower scattered down the slope, the remains of the imperial navy's radio station.

I recently picked up the hardcover Lonely Vigil ( Walter Lord, 1977 ) and it is SO much nicer than the various softcover editions ( and it smells better, like a clean book should ), numerous maps and photos incl. 2 of radio, 3BZ Teleradio and RAS.

hue miller

"It's never too late to have a happy childhood"

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Date: Fri, 19 Dec 1997 03:51:17 EST

From: Ho4bart <Ho4bart@aol.com>

To: boatanchors@sco.theporch.com, vactubes@cinternet.net, Baramyou@aol.com

Subject: Re: crystal radio silliness

Message-ID: <4895eab6.349a3588@aol.com>

In a message dated 97-12-19 02:44:22 EST,

dxguy@earthlink.net writes:

> .....and just as the tube began to light, magically self-excited from  
> the mystery of the ether, a big shaggy dog ran right into the door, and  
> said "please take me home with you, I'm lonely and don't have any place  
> to sleep out of the cold." So, gee Ma, what could I do?.....

actually, i let the dog in without awakening my parents.  
i was already awake, just listening to ArtBell on KOA ( 1300 miles )  
on my vacuum tube crystal radio, of course with the PILOT LIGHT DIMMER  
( RF powered, naturally ) turned way down so no one would know.

( btw, "Best Fed Dogue in oregon", per Animal Control Officer: the  
professional  
begger who lives at the Ontario OR border rest stop. i saw him mooch 2  
tasty meals in 15 minutes. )  
gotta go. ArtBell is on.  
hue

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Date: Fri, 12 Dec 97 10:01:11 EST  
From: w2ec@VNET.IBM.COM  
To: boatanchors@sco.theporch.com  
Subject: HQ-170A Part wanted  
Message-ID: <199712121840.MAA04090@uro.theporch.com>

I'm having a problem with the oscillator coil T25 for 21 and 28mc (bottom slug sets 28mc, top slug sets 21mc). I'm finding the coil so sensitive that it is almost impossible to align these two bands. All other bands are fine and solid. With 21 and 28, just bringing the hex wand close to the coil causes the frequency to jump all over. Once the wand is in the coil, it can be peaked if you're real careful, but removing the wand causes the frequency to change as much as 300kc. Yes, if I set the oscillator to 21mc, then start to remove the wand, the frequency begins to change. By the time the wand is fully out of the slug, the frequency is now about 21.3mc. I've tried to set the oscillator at 20.7, and when I withdraw the wand have it come close to 21.0, but this is very unstable and doesn't last. Obviously something is wrong.

I'm about to remove the coil to look at it, but have heard a lot about the fragility of these HQ coils. Therefore I'd like to see if I can find a spare coil just in case I destroy this one in the process.

Part needed is T-25 for the HQ-170A, band 5 & 6 (21mc and 28mc), part number 1812-01-00015, aka K38937-2.

Also any suggestions as to other instability causes in this area. Even bringing the hex wand close to the bandswitch when 21 or 28mc is selected

causes severe frequency variation.

73, Ray W2EC w2ec@vnet.ibm.com

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Date: Fri, 19 Dec 1997 00:33:49 +1100  
From: John Kidd <johnkidd@ozemail.com.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Can you help with BC-1000 info?  
Message-ID: <3.0.1.32.19971219003349.0069fd58@ozemail.com.au>

At 07:52 17/12/97 -0600, Tom Norris wrote:  
>I have a couple of BC-1000/SCR-300 transceivers in a pretty good  
condition. But without batteries...  
>In other words, I need information about voltages and power connector  
assignments.  
>Can You help me?

I have the same question as the milist schematic is unreadable around the  
battery connector, and the "Surplus Handbook" does not show the battery  
connector.

Cheers,

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John A. Kidd                   Collector: Military radio.  
Tullamarine, 3043.           Interests: Military aircraft  
Victoria. AUSTRALIA           & vehicles, Chrysler cars.  
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-----  
Date: Fri, 19 Dec 1997 08:07:46 -0500 (EST)  
From: "P. J. Rovero" <provero@connix.com>  
To: Ho4bart <Ho4bart@aol.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <Pine.BSI.3.95.971219080538.14800A-100000@comet.connix.com>

I can vouch for this problem in slightly newer photos. In all  
my postings, camera equipment (and personal electronic gear)  
were strictly forbidden in radio central.

Lots of pictures of ships and shipmates, none of radios... :-(

P. J. "Josh" Rovero           email: provero@connix.com

Oceanographer                      work: rovero@sonalysts.com  
Meteorologist                      radio: KK1D  
Curmudgeon at Large              web: http://www.connix.com/~provero/

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Date: Fri, 19 Dec 1997 08:30:51 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: BA <boatanchors@sco.ThePorch.com>  
Subject: A wire (multi-core cable) question plus...  
Message-ID: <Pine.SUN.3.96.971219075830.18375A-100000@indy2>

Hi!

Wondering if anyone has used the eight-conductor cloth-covered "battery cable" wire from AES to replace the power supply cable on an HRO or SW-3? Taking two for B+ and ground, we are left with two sets of three for the heater leads. I'll be digging out the copper wire table (National had a pair of #14 or maybe #16 for the heaters!) to check on what electricians call the "ampacity" of the wire, but if there's some real-world experience out there, it would be nice to hear--I've an HRO-5 and -7 with ratty PSU cables that I'd like to replace.

Now, the "plus:" the company flew us over to a transmitter mfr. yesterday to look at some UHF rigs (yesiree, we're a broadcastin' empire! Heaven knows, maybe we're invading the UHF market in Duluth or Kukamonga; one doesn't ask). \*Massive\* big tubes (no glass, no visible glow) do the RF work (water-cooled! Offspring of a Klystron, a beam tetrode, and too-high power bills!), but they're not too exciting 'til (if) I have a chance to tune one up--seen one nuclear reactor, seen 'em all, y'know?

Nope, the fun parts are the 50 kV beam supply, which lives outdoors, transformer and rectifiers and all swimming a nice toasty oil bath. Better still, the tube-saving "crowbar" on the 50 kV rail: would you believe a "double-grid hydrogen thyatron?" Yep!

I dunno, it sounds like a prop from a 50s "B" movie but there the thing sits in a little screened box, right under a bypass condenser the size of a couple of cafeteria-size vegetable cans. And a giant rotary knife switch above that (a \*genuine\* B+ crowbar!)--this stuff looks like \*real\* radio, and wouldn't be out of place in a 1914 Marconi installation! (I thought I was out of the thyatron business--last time I saw any, they were in a 1950s 5 kW RCA AM rig as a regulated B+ rectifier, a thing akin to to a tube-type light dimmer and about as sensible).

Peeked at one of the mfrs. first products on the way out, a pre WW II AM BC rig--RF final looks to be a pair of 211s, with an 807 as driver and

a little boxed-up xtal osc hiding behind it. Alas, no window for the rectifiers and modulators--thing claimed to be a kW. Very nice, all chrome and black-crackle, in a standard-width rack about 5' tall. They shoulda' never started painting this stuff orange, blue, tan and/or maroon--you see that black & chrome (or OD green & Navy grey) and you know you're lookin' at a \*transmitter.\* <grin>

73,  
--Bobbi

-----  
Date: Fri, 19 Dec 1997 08:31:14 -0500  
From: "Ed Santavicca" <santavic@ct.picker.com>  
To: boatanchors@theporch.com  
Subject: Re: HQ-170A Part wanted  
Message-ID: <32A5031998@ct1.ct.picker.com>

I found the connection between the can and chassis oxidizes and becomes open. When this happens, the can is very sensitive to small capacitance changes, even your hand near the can will cause a frequency change. A way to check this is to take a small screw driver and make a temporary connection between the can and the chassis. If the sensitivity to things in close proximity to the can stops, you need to ground the can.

I found an aluminum solder flux that worked good. I soldered a small ground braid from the can to the chassis. Tightening the can screws, although it seems to be the simplest solution, didn't work well. It worked for a while. The best is a positive electrical connection to ground.

In case the sensitivity your talking about is in reference to the plastic hex tool you are using, I found that even small deposits of metal on the plastic tip will change the tuning of a coil when inserted for tuning.

happy tuning.

Ed AA8TV

On 12 Dec 97 at 10:01, w2ec@VNET.IBM.COM wrote:

> I'm having a problem with the oscillator coil T25 for 21 and 28mc (bottom slug  
> sets 28mc, top slug sets 21mc). I'm finding the coil so sensitive that it is  
> almost impossible to align these two bands. All other bands are fine and solid.  
> With 21 and 28, just bringing the hex wand close to the coil causes the  
> frequency to jump all over. Once the wand is in the coil, it can be peaked if  
> you're real careful, but removing the wand causes the frequency to change  
> as much as 300kc. Yes, if I set the oscillator to 21mc, then start to remove  
> the wand, the frequency begins to change. By the time the wand is fully out  
> of the slug, the frequency is now about 21.3mc. I've tried to set the  
> oscillator at 20.7, and when I withdraw the wand have it come close to 21.0,  
> but this is very unstable and doesn't last. Obviously something is wrong.  
>  
> I'm about to remove the coil to look at it, but have heard a lot about the  
> fragility of these HQ coils. Therefore I'd like to see if I can find a spare  
> coil just in case I destroy this one in the process.  
>  
> Part needed is T-25 for the HQ-170A, band 5 & 6 (21mc and 28mc), part number  
> 1812-01-00015, aka K38937-2.  
>  
> Also any suggestions as to other instability causes in this area. Even  
> bringing the hex wand close to the bandswitch when 21 or 28mc is selected  
> causes severe frequency variation.  
>  
> 73, Ray W2EC w2ec@vnet.ibm.com  
>  
>  
>

Ed Santavicca

73 de  
AA8TV  
santavic@ct.picker.com

-----  
Date: Fri, 19 Dec 1997 07:07:21 -0800  
From: Paul Thekan <Paul.Thekan@eimac.cpii.com>  
To: boatanchors@theporch.com  
Subject: PRD 1 DF receivers at Surplus city  
Message-ID: <2.2.16.19971219070845.0eff8084@eitel.eimac.cpii.com>

Hello all

Seeing Marks posting for GRC 19 mounts reminded me that Surplus City also has some PRD 1 DF receivers for sale also. A friend just bought a couple of them there recently. The set covers I think 400 khz - 30 mhz. Runs

off a 24 vdc dynamotor that mounts on the bottom of the set and the whole thing sits on a tripod. It uses a large diamond shape loop that mounts on top of the receiver. There is also a mount to affix it to your jeep. The pieces are housed in wooden transit chests. It looks pretty impressive when all set up. I got mine from them about 7 years ago. I didn't think they would have had any left by now. I do not know what they are asking money wise but I think I paid about \$300 and that was for everything and the set was in like new conditon and it worked. Here is the info again on how to contact the place , courtesy of Mark:

>  
>Surplus City Jeep Parts  
>4514 Pacific Heights Road  
>Oroville, CA 95965  
>Orders: (800) 3-JEEP PARTS (353-3772)  
>(818) 767-3666  
>FAX (916) 534-1170  
>

Please contact Surplus City and not me , I am just passing along the info. Thanks Mark for the post and jostling my already faulty memory.

Paul N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@eimac.cpii.com

-----  
Date: Fri, 19 Dec 1997 10:19:53 -0600  
From: Bob Reynolds <breynold@sigg.com>  
To: boatanchors@theporch.com  
Subject: 6JB6 SOURCE - MAYBE  
Message-ID: <97Dec19.091537cst.19593@firewall.sigg.com>

I was browsing in Radio Shack yesterday and looked up the 6JB6 in their parts catalog. They have them \$88.99 each - NO  
THANK YOU

73, Red K5VOL

-----  
Date: Fri, 19 Dec 1997 10:41:40 -0500 (EST)  
From: John Kidd <johnkidd@ozemail.com.au> (by way of Andre Guibert <aguibert@sympatico.ca>)  
To: boatanchors@theporch.com  
Subject: Re: Can you help with BC-1000 info?



Message-ID: <199712191541.KAA05662@smtp13.bellglobal.com>

At 07:52 17/12/97 -0600, Tom Norris wrote:

>I have a couple of BC-1000/SCR-300 transceivers in a pretty good condition. But without batteries...

>In other words, I need information about voltages and power connector assignments.

>Can You help me?

Bonjour to you all

I have the manual for the WS No. 31 which is basically the same as the BC1000 according to "Wireless for the Warrior" with different headgear and mic.

The plugs "2" are for the separate 6v wet cell/PS and ear/mic. headgear.

Andre

-----  
Date: Fri, 19 Dec 1997 09:28:18 +0000  
From: "Neal McEwen, K5RW" <nmcewen@metronet.com>  
To: william@ans.net  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: More on early Navy Comm center photo  
Message-ID: <349A3E32.49D7@metronet.com>

BAers,

I sent a copy of the photo to a fellow that knows a lot more about early wireless than me. Here are his words:

"The photo shows a DeForest CF-122 Detector Box that uses a type CF-185 tube and a Western Electric SE-1000 2 stage audio amplifier. This equipment was made between 1917 and 1920"

So looks like the photo is much earlier than I thought. The holes in the paper tape are in patterns that run transverse accross the paper tape, but can't tell if it is baudot code or not. The holes are present before and after the device, so it has to be a reader, not a punch. I guess the real question is did the Navy use TTY or RTTY in the 20s? If not, it is keying a CW transmitter, landline or marine cable.

I am pleased that the photo created so much interest!

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com  
A WWW Page for Telegraph Key Collectors and Historians  
[http://fohnix.metronet.com/~nmcewen/tel\\_off.html](http://fohnix.metronet.com/~nmcewen/tel_off.html)

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Date: Fri, 19 Dec 1997 11:36:03 -0500  
From: Al Klase <skywaves@bw.webex.net>  
To: ejz@nosc.mil  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Telephone Receiver Elements  
Message-ID: <349AA273.5FCEA0EB@bw.webex.net>

Ed and The Group,

I too have one of the WE headsets, it's missing one HA4 element. So, I just checked with former AT&T engineer (and phone phreak and noted author) Lud Sibley. The more common HA1 elements as found in 1940ish telephones are 116 ohms impedance, the HA2's are 257 ohms, and HA4's are 2000 ohms. So you could ditch your HA2 and insert 2 HA1's and be in pretty good shape.

If anyone has an extra HA4 I'd be interested. infact, I'd trade it for my two HA1's.

Enough nonsense for now.

Al

Edward Zeranski wrote:

> Just happen to have a headset that looks eggs-ackley like the ear gear in the photo....but...am missing one Western Electric element #HA2, stamped date on existing element is -2-9-44.

--

Al Klase - N3FRQ  
skywaves@bw.webex.net  
Flemington, NJ 08822  
Web Page: <http://www.webex.net/~skywaves/home.htm>

-----  
Date: Fri, 19 Dec 1997 10:35:43 -0600 (CST)  
From: arc5@ix.netcom.com  
To: boatanchors@sco.theporch.com  
Subject: Re: Can you help with BC-1000 info?  
Message-ID: <19971219101433611478@>

I don't have a BC-1000, but I do have a diagram.  
Here's the connector as shown in the diagram.  
You'll need your ohm meter.

There are two large pins and 5 small pins. The

large pin that is connected to ground is pin 1.  
They count around the circle, clockwise from the  
pin side of the plug, from 1 to 7 like this:

Large-1  
Small-2  
Small-3  
Small-4  
Large-5  
Small-6  
Small-7

- 1- Ground
- 2- connected in battery to pin 1.
- 3- connected in battery to pin 6.
- 4- +4.5 VDC OUT to vibrator power supply (when used).
- 5- +4.5 VDC IN to filaments. 300 milliamps rx, 500 ma tx.
- 6- +90 VDC 25 ma continuous.
- 7- +150 VDC 45 ma tx.

My book says never press the DIAL LIGHT or CALIBRATE  
buttons during transmit.

Hope this helps.

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

-----  
Date: Fri, 19 Dec 1997 11:33:10 -0500  
From: Bob Login <jlogin@gville.mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RCA RBB/RBC Info???  
Message-ID: <199712191650.LAA13868@brickbat8.mindspring.com>

Dear Fellow BAer's--Just received these true BA's--no pretence here as you  
need to be in good shape even to get these out of the cabinets! I have the  
manual entitled "preliminary instructions" IB-38094-1, 1941. I would love  
to obtain more documentation. If any of you have some would buy it or pay for  
copies or give you a copy of what I have--I would do that anyhow if you really  
need it. Can anyone also tell me what the difference is between the models  
in each  
series--RBB 1-5 etc?

-----  
Date: Fri, 19 Dec 1997 11:03:50 -0600 (CST)  
From: arc5@ix.netcom.com  
To: boatanchors@sco.theporch.com  
Subject: Re: BA photo early Navy Comm center  
Message-ID: <19971219113165705@>

The tape machine is definitely morse, being the same system used by the McElroy-Creed automatic Morse machines. The two rows of large dots with one small in the middle is the tell. Both dots side-by-side is a "dit". Top dot staggered before the bottom dot is a "dah". A space is...A space!

In case anyone is interested, a local antique shop here in Austin has a McElroy code practice machine for sale, but they want \$75 and won't come down. They also have a nice looking KWM-1 with the 20-10 module, if you want to pay \$650 for it.

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

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Date: Fri, 19 Dec 1997 12:03:43 -0500  
From: don merz <71333.144@compuserve.com>  
To: boatanchors@theporch.com  
Subject: Here's to you...  
Message-ID: <199712191206\_MC2-2C93-2BBA@compuserve.com>

With the very best Christmas wishes from N3RHT, hoisting one to you and yours this holiday season:

"Thanks for the memory of 27 years of radio. I've had many a headache and many a heartache, but I've never been bored.

Memories of my first earphone and crystal and the faint signals of a far off Navy station (120 miles). Of trees, chimneys and poles used to support long stretches of aerals. Of ships with one-wire aerals, and ships with four masts and an aerial 350 feet long with thirteen wires.

Memories of trips I have made across the North Atlantic. Of storms that battered us for days and days until we ached all over from the very effort of trying to hang on to chairs, tables, bunks, receivers and rails. And a frantic captain demanding weather reports.

And memories of the North Atlantic in midsummer when the whole sea was as smooth as the quietest harbor. And our 32-day run from New York to Buenos Aires when for five days off the eastern tip of South America I couldn't hear even one signal on the receiver.

Memories of the beautiful clear bell-like tones of a Federal Arc on 600 meters with a chopper. If you listened with a good crystal it was almost music. Of the powerful blast of those British naval sparks that always started up with a high-power warning as they pulled the gap open and turned on the air blast--about 15KW on 600 meters. Or maybe it was our receivers. I recall the operator on the Chilean ship who asked me "Please repeat the last part as my magnetic detector ran down."

I can remember my first radiophone signal, from an airplane, in 1917. I have heard arc transmitters modulated and sounding presentable. A lot of ham rigs sound worse today. I have zealously guarded the one bit of galena that really worked, and I have just as carefully guarded the only carbon mic at an early broadcast station.

I have memories of long watches at sea, of the listening to distant signals and the feel that they were just next door. Of friends of the air that I knew by their fists but never met. Of friends that I saw die of disease and disaster. I once read the funeral service for a dead passenger when the captain was too drunk and the mate couldn't speak good English. And where the weights came off of the sack, the body floated on the waves.

Memories of countries and peoples, of majestic liners on trial trips, memories of the thrills of a new radio record, of standing watch for 48 hours at a stretch when the weather was bad or when my assistant was too drunk to sit his.

I have many wonderful memories. But I hope most of all that others will remember me when they hoist one over the bar at the Typhoon Anchorage, the Hong Kong Hotel Bar, Kelly's in Panama, Esmerelde in Buenos Aires. Wherever operators gather, to talk of old memories, I'll be drinking with you and saying 'Thanks for the memory.'

"Reminiscing" from "Yarn of the Month", RADIO Magazine, December, 1938. Anonymous.

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End of BOATANCHORS Digest 1840

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